

## CODE GENERATION FACILITY

### ABSTRACT

A system and method for generating code that reduces the cost for large projects and that provides easier and quicker ways of finding errors and making

5 modifications. A method of generating code to be deployed in an application server comprises the steps of receiving an archive file to be deployed, introspecting an input class included in the archive file to generate information relating to the input class, generating a markup language description of the input class based on the generated information relating to the input class, creating an

10 event handler for a method node found in the markup language description, registering the event handler, parsing the markup language description and invoking the registered event handler, and generating output code using the invoked event handler.